

DATE OF PREP: 8/18/89

IPL # 20001

## SECTION I

MANUFACTURERS NAME:  
 KZO COATINGS INC.  
 AEROSPACE FINISHES  
 STREET ADDRESS:  
 434 W. MEATS AVE  
 ORANGE, CA 92665

The California Safe Drinking Water and Toxic Act of 1986, Proposition 65, requires that potentially exposed individuals be informed of the presence of a chemical that has been determined to cause cancer or reproductive harm. As part of Akzo Coatings' responsibility under this law, such notice is hereby given.

EMERGENCY TELEPHONE NUMBERS:  
 8:00AM-4:45PM (313) 589-3660  
 EASTERN TIME ZONE  
 AFTER HOURS (313) 855-7313

MANUFACTURERS CODE IDENTIFICATION:  
 45302006

TRADE NAME:  
 GRAY NON-SKID WALK WAY COAT

Use with Catalyst X-304

## SECTION II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS:	C.A.S. NO.	* PCT * *BY WT*	* TLV *		* PEL *		* VAPOR *	
			* PPM	MG/M3 *	PPM	MG/M3 *	* PRESS	
METHYL ETHYL KETONE	78-93-3	*15-30*	* 200.00	590.00*	200.00	590.00*	70.0	
MEK		* *	* *	* *				
METHYL ISOBUTYL KETONE	108-10-1	* 5-20*	* 50.00	205.00*	100.00	410.00*	16.0	
MIBK		* *	* *	* *				
TANIUM DIOXIDE	13463-67-7	* 5-20*	* -----	10.00*	-----	15.00*	NA	
PROPYLENE GLYCOL METHYL ETHER ACETATE	108-65-6	*10-25*	* -----	-----*	-----	-----*	3.8	
PM ACETATE		* *	* *	* *				
AMORPHOUS SILICA	7631-86-9	* <5*	* -----	10.00*	-----	80.00*	NA	
SILICA GEL		* *	* *	* *				
TOLUENE	108-88-3	* <5*	* 100.00	375.00*	200.00	-----*	22.0	
TOLUOL		* *	* *	* *				
TALC	14807-96-6	*15-30*	* -----	2.00*	-----	-----*	NA	
HYDROUS MAGNESIUM SILICATE		* *	* *	* *				
BUTYL ACETATE	123-86-4	* <5*	* 150.00	710.00*	150.00	710.00*	8.0	
ESTER SOLVENT		* *	* *	* *				
XYLENE	1330-20-7	* 5-20*	* 100.00	435.00*	100.00	435.00*	9.5	
XYLOL		* *	* *	* *				

## SECTION III - PHYSICAL DATA

BOILING RANGE:  
 175 - 295 DEG. F

VAPOR DENSITY VS. AIR:  
 HEAVIER THAN AIR

EVAPORATION RATE VS. ETHER:  
 SLOWER

PERCENT VOLATILE BY VOLUME:  
 64.3

WEIGHT PER GALLON:  
 9.97 LBS.

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

## DOT CATEGORY:

## FLASH POINT:

LEL: 1.0

HAZARDOUS MATERIAL,  
FLAMMABLE LIQUID, UN-1263

40F TCC

## OSHA CLASSIFICATION:

FLAMMABLE LIQUID - CLASS IB

## EXTINGUISHING MEDIA:

FOAM, CARBON DIOXIDE, DRY CHEMICALS

## UNUSUAL FIRE AND EXPLOSION HAZARDS:

KEEP CONTAINERS TIGHTLY CLOSED. ISOLATE FROM HEAT, SPARKS, ELECTRICAL EQUIPMENT AND OPEN FLAME. CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT. APPLICATION TO HOT SURFACES REQUIRES SPECIAL PRECAUTIONS. DURING EMERGENCY CONDITIONS OVER EXPOSURE TO DECOMPOSITION PRODUCTS MAY CAUSE A HEALTH HAZARD. SYMPTOMS MAY NOT BE IMMEDIATELY APPARENT. OBTAIN MEDICAL ATTENTION.

## SPECIAL FIRE FIGHTING PROCEDURES:

WATER MAY BE INEFFECTIVE. WATER SHOULD BE USED TO COOL CONTAINERS EXPOSED TO FIRE. FIRE FIGHTING PERSONNEL SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS.

## SECTION V - REACTIVITY DATA

## STABILITY:

STABLE

## INCOMPATIBILITY (MATERIALS TO AVOID):

NONE REASONABLY FORESEEABLE.

## HAZARDOUS DECOMPOSITION PRODUCTS:

CARBON MONOXIDE, CARBON DIOXIDE, SMOKE, OXIDES OF NITROGEN.

## HAZARDOUS POLYMERIZATION:

WILL NOT OCCUR

## CONDITIONS TO AVOID:

NOT APPLICABLE

## SECTION VI - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: SEE SECTION II.

E. AGENCY AND FIRST AID PROCEDURES:

INHALATION: MOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION IF NECESSARY.  
SKIN CONTACT: WASH WITH SOAP & WATER.  
EYE CONTACT: FLUSH WITH WATER FOR AT LEAST 15 MINUTES, CONSULT A PHYSICIAN.  
INGESTION: DRINK ONE OR TWO GLASSES OF WATER TO DILUTE. DO NOT INDUCE VOMITING.  
CONSULT PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. TREAT SYMPTOMATICALLY.  
MEDICAL CONDITIONS PRONE TO AGGRAVATION: NONE EXPECTED

THE FOLLOWING HAZARDS HAVE BEEN REPORTED TO BE ASSOCIATED WITH THE INDIVIDUAL COMPONENTS OF THIS PRODUCT. THESE HAZARDS MAY NOT ALL BE ASSOCIATED WITH THE FINISHED PRODUCT.

ACUTE:

EYE IRRITANT, CONTACT MAY CAUSE EYE BURNS OR CORNEAL INJURY.  
EXCESSIVE INHALATION OF VAPORS CAN CAUSE NASAL AND RESPIRATORY IRRITATION, DIZZINESS, WEAKNESS, FATIGUE, NAUSEA, HEADACHE, POSSIBLE UNCONSCIOUSNESS, AND EVEN ASPHYXIATION.  
PROLONGED CONTACT WITH THE SKIN MAY LEAD TO EXTRACTION OF NATURAL OILS WITH RESULTANT MILD IRRITATION.  
IF SWALLOWED, CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING, AND DIARRHEA. ASPIRATION OF MATERIAL INTO THE LUNGS CAN CAUSE CHEMICAL PNEUMONITIS WHICH CAN BE FATAL.  
EYE CONTACT MAY CAUSE SEVERE IRRITATION, REDNESS, TEARING, BLURRED VISION, AND A SENSATION OF SEEING HALOS AROUND LIGHTS.  
DRY PIGMENT MAY CAUSE A NUISANCE DUST, WHICH CAN BE IRRITATING TO RESPIRATORY SYSTEM.  
PROLONGED OR REPEATED CONTACT MAY CAUSE EYE IRRITATION.  
VAPORS AND FUMES MAY BE IRRITATING TO UPPER RESPIRATORY TRACT.  
SWALLOWING CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING, AND DIARRHEA.

NOTICE: INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS MAYBE HARMFUL OR FATAL. REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE.

CHRONIC:

CHRONIC EXPOSURE MAY CAUSE LIVER AND KIDNEY DAMAGE.  
PROLONGED EXPOSURE TO DUST MAY CAUSE LUNG DAMAGE.  
HEALTH STUDIES HAVE SHOWN THAT MANY PETROLEUM HYDROCARBONS POSE POTENTIAL HUMAN HEALTH RISKS WHICH MAY VARY FROM PERSON TO PERSON. AS A PRECAUTION, EXPOSURE TO LIQUIDS AND VAPORS OF PETROLEUM PRODUCTS SHOULD BE MINIMIZED.  
OVEREXPOSURE TO MATERIAL HAS BEEN SUGGESTED AS A CAUSE OF THE FOLLOWING EFFECTS IN HUMANS: LIVER ABNORMALITIES.  
OVEREXPOSURE TO MATERIAL HAS BEEN SUGGESTED AS A CAUSE OF THE FOLLOWING EFFECTS IN HUMANS: CARDIAC ABNORMALITIES.  
OVEREXPOSURE MAY CAUSE RED BLOOD CELL AND LEUCOCYTE DISORDERS WHICH MAY RESULT IN AN ANEMIC CONDITION.

## SECTION VII - SPILL OR LEAK PROCEDURES

## STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

REFER TO PROTECTIVE MEASURES LISTED IN SECTIONS IV., V., VI., VIII. AND IX.  
REMOVE ALL SOURCES OF IGNITION. AVOID BREATHING VAPORS. VENTILATE AREA. REMOVE WITH INERT ABSORBENT.

## WASTE DISPOSAL METHOD:

INCINERATE IN AN APPROVED FACILITY, DO NOT INCINERATE CLOSED CONTAINERS. DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL POLLUTION CONTROL REQUIREMENTS.

## SECTION VIII - SAFE HANDLING &amp; USE INFORMATION

## RESPIRATORY PROTECTION:

ADEQUATE VENTILATION IS REQUIRED. USE NIOSH/MSHA APPROVED RESPIRATOR DEVICE. SEE YOUR SAFETY EQUIPMENT SUPPLIER FOR EVALUATION AND RECOMMENDATION. IN CONFINED AREAS USE NIOSH/MSHA APPROVED AIRLINE RESPIRATOR OR HOOD.

## VENTILATION:

PROVIDE SUFFICIENT VENTILATION TO KEEP VAPOR CONCENTRATION BELOW THE GIVEN TLV AND LEL. FOR BAKING FINISHES, EXHAUST VAPORS EMITTED ON HEATING. REMOVE DECOMPOSITION PRODUCTS FORMED DURING WELDING OR FLAME CUTTING OF SURFACES COATED WITH THIS PRODUCT.

## PROTECTIVE GLOVES:

REQUIRED FOR PROLONGED OR REPEATED CONTACT. REFER TO SAFETY EQUIPMENT SUPPLIER FOR EFFECTIVE GLOVE RECOMMENDATIONS.

## EYE PROTECTION:

USE SAFETY EYEWEAR DESIGNED TO PROTECT AGAINST SPLASH OF LIQUIDS.

## OR PROTECTIVE EQUIPMENT:

EYE BATH AND SHOWER SHOULD BE AVAILABLE. USE CHEMICAL RESISTANT APRON, BOOTS OR OTHER CLOTHING IF NEEDED TO AVOID REPEATED OR FREQUENT SKIN CONTACT. LIQUID MAY PENETRATE SHOES AND LEATHER CAUSING DELAYED IRRITATION.

## HYGIENIC PRACTICES:

WASH HANDS BEFORE EATING, SMOKING OR USING WASHROOM

## SECTION IX - SPECIAL PRECAUTIONS

## PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

STORE CONTAINERS OUT OF SUN AND AWAY FROM HEAT, SPARKS AND OPEN FLAMES. CLOSE CONTAINERS AFTER EACH USE. CONSULT N.F.P.A. CODE FOR ADDITIONAL STORAGE REQUIREMENTS.

## OTHER PRECAUTIONS:

DO NOT TAKE INTERNALLY. USE APPROVED BONDING AND GROUNDING PROCEDURES. OBSERVE LABEL PRECAUTIONS. KEEP CLOSURES TIGHT AND CONTAINER UPRIGHT TO PREVENT LEAKAGE. NEVER USE PRESSURE TO EMPTY - DRUM IS NOT A PRESSURE VESSEL. AVOID BREATHING SANDING DUST. DO NOT WELD OR FLAME CUT AN EMPTY DRUM. DO NOT HANDLE UNTIL THE MANUFACTURER'S SAFETY PRECAUTIONS HAVE BEEN READ AND UNDERSTOOD.

APPROVED BY RAW MATERIAL & FORMULA INFORMATION DEPARTMENT

DATE: 4/20/89

FORMULA DATE 3/04/86

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SECTION 313 SUPPLIER NOTIFICATION

THIS PRODUCT, 45302006 , CONTAINS THE FOLLOWING TOXIC CHEMICALS  
SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE SUPERFUND  
AMENDMENTS AND REAUTHORIZATION ACT (SARA) OF 1986 AND 40 CFR PART 372.

CAS #	CHEMICAL NAME	% BY WEIGHT
78-93-3	METHYL ETHYL KETONE	18.6
108-10-1	METHYL ISOBUTYL KETONE	5.6
108-88-3	TOLUENE	2.0
1330-20-7	XYLENE	6.0

THIS INFORMATION MUST REMAIN ATTACHED TO THE PRODUCT MSDS AND MUST BE  
INCLUDED AND DISTRIBUTED WITH ANY COPY OF THE MSDS.